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Date: May 5, 2004

Sonia V. McVean  
Sonia V. McVean



**PATENT**  
36856.1146

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hiroshi KAWAI	Art Unit: 2832
Serial No.: 10/705,994	Examiner: Unknown
Filing Date: November 13, 2003	
For: RF-MEMS SWITCH	

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits a copy of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

U.S. Application No. 10/705,994  
May 5, 2004  
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Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Date: May 5, 2004

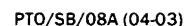
A handwritten signature in black ink, appearing to read "Christopher A. Bennett", with a long horizontal flourish extending to the right.

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Substitute for form 1449/PTO

**Complete if Known**

**(Use as many sheets as necessary)**

Sheet	1	of	2
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Application Number	10/705,994
Filing Date	November 13, 2003
First Named Inventor	Hiroshi KAWAI
Art Unit	2832
Examiner Name	
Attorney Docket Number	36856.1146

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether of not citation is, in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.



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Filing Date

Hiroshi KAWAI

Art Unit

**Examiner Name**

Attorney Docket Number	36856.1146
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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title

T2

Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

**5**

Chienliu CHANG et al.; "Innovative Micromachined Microwaved Switch with Very Low Insertion Loss"; *Sensors and Actuators* 79 (2000); pp. 71-75.

Examiner  
Signature

Date  
Considered

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